

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-29 (canceled).

30. (currently amended) A storage system, comprising:

a first storage device₁ coupled to an information processing device having a first controller and a plurality of first disk drives;

said first controller controlling to store data received from said information processing device in said first disk drives and receiving a command from said information processing device and transferring said command to a second storage device, said command sent from said information processing device to said second storage device being used to request a pair management information status of a first logical volume in said a second storage device ~~from said information processing device to said second storage device, and transferring said command to said second storage device;~~

said second storage device₂ coupled to said first storage device₁ having a second controller and a plurality of second disk drives, said second disk drives being corresponding to a plurality of logical volumes which have said first logical volume; and

said second controller controlling to store data in said second disk drives₂ and receiving said command from said first storage device and sending replying said pair

management information status of said first logical volume to said information processing device via said first storage device in response to said command.

31. (currently amended) A storage system according to claim 30, wherein: said pair management information status of said first logical volume is information of a relationship with ~~between~~ said first logical volume and a ~~an~~ second logical volume in said second storage device.

32. (currently amended) A storage system according to claim 30, wherein: said pair management information status of said first logical volume is whether ~~itsaid~~ first logical volume is under copying data from said first logical volume to a ~~an~~ second logical volume in said second storage device or not.

33. (currently amended) A storage system according to claim 30, wherein: said pair management information status of said first logical volume is whether said first logical volume ~~it~~ is under restoring data from said first logical volume to a ~~an~~ second logical volume in said second storage device or not.

34. (currently amended) A storage system according to claim 30, wherein: said pair management information status of said first logical volume is information of a relationship between said first logical volume and a ~~an~~ third logical volume in said first storage device.

35. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume is whether ~~itsaid~~
first logical volume is under copying data from a ~~an~~ third logical volume in said first
storage device to said first logical volume or not.

36. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume is whether said
first logical volume~~it~~ is under copying data from said first logical volume to a ~~an~~ third
logical volume in said first storage device or not.

37. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume has information
of a plurality of regions in said first logical volume.

38. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume has information
of ~~a~~regions storing ~~stored~~ data which will be copied from said first logical volume to
a ~~an~~ second logical volume in said second storage device.

39. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume has information
of ~~a~~regions ~~stored~~storing data which will be restored from said first logical volume to
a ~~an~~ second logical volume in said second storage device.

40. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume has information
of a-region's storing ~~stored~~ data which will be copied from a ~~an~~ third logical volume in
said first storage device to said first logical volume.

41. (currently amended)A storage system according to claim 30, wherein:
said pair management information status of said first logical volume has information
of a-region's ~~stored~~storing data which will be copied from said first logical volume to a
~~an~~ third logical volume in said first storage device.

42. (currently amended)A storage system according to claim 30, wherein:
said first controller transfers said command to said second storage device based on
contents of said command.

43. (currently amended)A storage system according to claim 30, wherein:
said first controller provides a fourth logical volume to said information processing
device, said fourth logical volume is used to control said first storage device by said
information processing device; and

said first controller transfers said command to said second storage device based
on contents of said command sent from said information processing device to said
fourth logical volume.

44. (currently amended)A storage system according to claim 30, wherein:
said first controller provides a fifth logical volume to said information processing
device, said fifth logical volume is corresponding to a sixth logical volume in said
second storage device; and

said first controller transfers said command to said sixth logical volume if said
fifth logical volume is addressed in said command sent from said information
processing device.

45. (currently amended)A storage system according to claim 30, wherein:
said first command has information which is used to identify said first logical volume
from said logical volumes.

46. (currently amended)A storage system according to claim 30, wherein:
each of said logical volumes has a logical unit number which is used to identify a
logical volume from said logical volumes; and

said first command has information of a plurality of said logical unit
~~number~~numbers.

47. (currently amended)A storage system according to claim 30, wherein:
said first controller executes contents of said first command if said first command
does not have information of said second storage device to which data is to be
transferred.

48. (currently amended)A storage system, comprising:

a first storage device, coupled to an information processing device having a plurality of first disk drives;

a first controller controlling to store data received from said information processing device in said first disk drives and receiving a command which is being sent from said information processing device to a second storage device, said command being used to request a pair status of a first logical volume ~~from said information processing device~~, and transferring said command to said second storage device;

a said second storage device, coupled to said first storage device, having a plurality of second disk drives, said second disk drives ~~being corresponding to a plurality of logical volumes which have~~having said first logical volume; and

a second controller controlling to store data in said second disk drives, receiving said command from said first storage device, and ~~replying sending~~ said pair status of said first logical volume in response to said command.